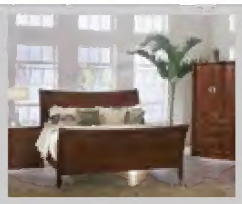
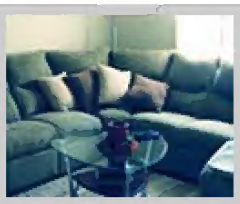
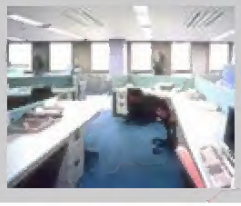
AllerAir Industries

# The 6000 VOCARB

## For specific airborne chemical problems and odors

### Specially designed impregnated activated carbon bed alleviates VOC (volatile organic compound) situations

*Our indoor air quality experts can design over 40 different blends of specially impregnated activated carbon to deal with any specific airborne chemical problems you may encounter*

### The AllerAir 6000 VOCARB features:

- A cleanable pre-filter to collect larger particles.
- A 24 lb. impregnated activated carbon bed specially designed to adsorb light weight noxious airborne chemicals.
- HEPA filter to trap 99.97% of solid particles as small as 0.3 microns.
- 2 anti-microbial filters.
- A 400 CFM (cubic feet per minute) 3 speed fan.
- All metal construction to avoid plastic vapors.
- Cylindrical shape to maximize air flow.

**Effective for Volatile organic compounds such as:**

- Formaldehyde
- Ammonia
- Sulfur dioxide
- Mold toxins
- Methylene chloride
- Toluene
- Tobacco smoke

### An excellent choice

**For offices, clinics, work areas, large rooms, basements.**

- Cleans up to 1500 sq. ft. (2 air changes an hour)
- Up to 12 changes of air an hour in smaller areas
- Quiet, excellent for overnight use
- Low electricity consumption (average 80 watts)
- 5 year guarantee (extendible to 10 years)
- Positive or negative air attachment available as an option
- Optional D and DX Models available (28 or 34 lbs of carbon and micro-particulate filter)

**The 6000 VOCARB**
24 lbs. of specially impregnated activated carbon, combined wtih true HEPA

**Optional 10 Watt UV bulb for additional anti-microbial sterilization**

**Protect yourself from toxic VOCs with the AllerAir 6000 VOCARB**

AllerAir Industries Inc. Toll free 1-888-852-8247 / Fax: 1-877-688-2193 www.allerair.com

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# The 6000 VOCARB

## Over 40 different blends of impregnated carbon available

**Our bodies do have some defenses against particles but none against airborne chemicals.**

**Impregnated activated carbon is used in military gas masks.**

**AllerAir air cleaners are used in hospitals, dental clinics, laser eye surgeries.**

**Invest in a serious air cleaner: Help preserve your health and save on expensive medications.**

**Indoor air quality is recognized by the EPA as the number one pollution problem today.**

**We spend up to 90% of our time indoors. Half of that in our own home.**

### Facts about VOCs

- The EPA has found that levels of VOCs are 2 to 3 times higher than they originally believed.
- Many VOCs are known carcinogens.
- Everyday household products which contain VOCs include:
  - Paint, wood preserves and solvents
  - Aerosol spray
  - Disinfectant. Moth repellant and air freshener
  - Hobby supplies
  - Fuels and automotive products
  - Dry-cleaned clothing
- Even when these products are stored, they continue to emit VOCs.
- Upon the use of these products, VOC levels are up to 500 times higher than usual.

### Dangerous health effects associated with exposure to VOCs

- Eye, nose and throat irritation.
- Headaches, nausea and diminished coordination.
- Liver, kidney and central nervous system damage.

**Examples of VOCs often found in indoor air:**

**Formaldehyde**
A known carcinogen found in older insulation, furniture, carpet, glue and tobacco smoke. Leads to burning in your throat, watery eyes, nausea, difficulty breathing, and it can bring on asthma attacks.

**Mold micro-toxins**
These highly carcinogenic VOCs are the by-product of mold infestations (even when they are dead and dried up). They are toxic to humans.

**Tobacco smoke**
A known carcinogen found to contain more than 400 chemicals and gasses.

**Methylene chloride**
A known carcinogen found in aerosol paint and solvent causes symptoms associated with carbon monoxide.

**Ammonia**
Originate from cleaning products and litter boxes, these VOCs cause eye and skin irritation, nose bleeding and sinus problems.

**Chemicals have replaced bacteria and virus as the main threat to human health in western industrial nations**

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